

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                         | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------|---------|------------------|
| L1    | 1864 | ((mobile or cell or cellular) adj (phone or device) ) with authenticat\$3 and key                                                                                                                                                                                                    | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 07:35 |
| L2    | 127  | ((mobile or cell or cellular) adj (phone or device) ) with authenticat\$3 and (replac\$4 with key)                                                                                                                                                                                   | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 07:37 |
| L3    | 36   | ((mobile or cell or cellular) adj (phone or device) ) with authenticat\$3 and (replac\$4 with key) and ((mobile or cell or cellular) with generat\$3 with key)                                                                                                                       | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 08:58 |
| L7    | 317  | ((mobile or cell or cellular) adj (phone or device) ) with authenticat\$3 and (receiv\$3 with key with (mobile or cell or cellular))                                                                                                                                                 | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 08:53 |
| L8    | 14   | ("5153919"   "5371794"   "5392356"   "5537474"   "5642401").PN. OR ("6201871").URPN.                                                                                                                                                                                                 | US-PGPUB; USPAT; USOCR | OR               | ON      | 2007/10/17 09:00 |
| L9    | 174  | ((mobile or cell or cellular) adj (phone or device) ) with authenticat\$3 and ((mobile or cell or cellular) with generat\$3 with key) and (receiv\$3 with key with (mobile or cell or cellular))                                                                                     | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 09:11 |
| L10   | 10   | 8 and (generat\$3 with key)                                                                                                                                                                                                                                                          | US-PGPUB; USPAT; USOCR | OR               | ON      | 2007/10/17 09:00 |
| L11   | 8    | 8 and (generat\$3 with key) and (receiv\$3 with key)                                                                                                                                                                                                                                 | US-PGPUB; USPAT; USOCR | OR               | ON      | 2007/10/17 09:00 |
| L12   | 30   | ((mobile or cell or cellular) adj (phone or device) ) with authenticat\$3 and ((mobile or cell or cellular) with generat\$3 with key) and (receiv\$3 with key with (mobile or cell or cellular)) and ((mobile or cell or cellular) with (smart-card or smart adj card or smartcard)) | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 09:20 |
| L13   | 245  | ((re-generat\$3 or re adj generat\$3 or regenerat\$3 or re-creat\$3 or re adj creat\$3 or recreat\$3) with key) same (mobile or cell or cellular)                                                                                                                                    | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 09:21 |
| L14   | 54   | ((re-generat\$3 or re adj generat\$3 or regenerat\$3 or re-creat\$3 or re adj creat\$3 or recreat\$3) near2 key) same (mobile or cell or cellular)                                                                                                                                   | US-PGPUB; USPAT        | OR               | ON      | 2007/10/17 09:22 |

## EAST Search History

|     |      |                                                                                                                                                                                                     |                    |    |    |                  |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|------------------|
| S1  | 11   | "752420"                                                                                                                                                                                            | US-PGPUB;<br>USPAT | OR | ON | 2007/03/21 15:31 |
| S2  | 56   | "5201000"                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2007/03/21 15:31 |
| S3  | 30   | "5675649"                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2007/03/21 15:32 |
| S4  | 1182 | 380/277.ccls.                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 13:17 |
| S5  | 1589 | (multiple or plural\$3) with ((secret or private) near key)                                                                                                                                         | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 14:10 |
| S6  | 53   | (multiple or plural\$3) with ((secret or private) near key) and (distribut\$3 or output\$3) with (portion or share or part) near4 ((private or secret) near key)                                    | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 14:08 |
| S7  | 1    | (multiple or plural\$3) with ((secret or private) near key) and (distribut\$3 or output\$3) with (portion or share or part) near4 ((private or secret) near key) and (recreate or (re near create)) | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 14:45 |
| S8  | 77   | recreat\$3 with (private near key)                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 13:38 |
| S9  | 129  | S4 and S5                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 14:08 |
| S10 | 773  | (multiple or plural\$3) near4((secret or private) near key)                                                                                                                                         | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 14:11 |
| S11 | 74   | S10 and S4                                                                                                                                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 14:11 |
| S12 | 1    | "5602917".PN.                                                                                                                                                                                       | USPAT;<br>USOCR    | OR | ON | 2007/03/22 14:46 |
| S13 | 1    | "5515307".PN.                                                                                                                                                                                       | USPAT;<br>USOCR    | OR | ON | 2007/03/22 14:49 |
| S14 | 29   | ("5675649").URPN.                                                                                                                                                                                   | USPAT              | OR | ON | 2007/03/22 14:49 |
| S15 | 130  | inactive near key                                                                                                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 16:38 |
| S16 | 3    | S15 and S4                                                                                                                                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 16:37 |
| S17 | 6    | inactive near ((private or public) near key)                                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2007/03/22 16:38 |
| S18 | 1154 | (380/30).ccls.                                                                                                                                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2007/03/26 07:53 |
| S19 | 32   | ((key adj1 pair\$1) with (lost or stolen))                                                                                                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2007/03/26 11:09 |

## EAST Search History

|     |       |                                                                                                              |                              |    |    |                  |
|-----|-------|--------------------------------------------------------------------------------------------------------------|------------------------------|----|----|------------------|
| S20 | 5     | S18 and S19                                                                                                  | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 08:40 |
| S21 | 0     | ("6978017").URPN.                                                                                            | USPAT                        | OR | ON | 2007/03/26 08:36 |
| S22 | 8     | ("5457746"   "5657390"   "5675649"<br>  "5761306"   "5787172"  <br>"5901227"   "5903882"  <br>"6003014").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/26 08:37 |
| S24 | 5973  | (generat\$3 or creat\$3) with (second<br>near4 key)                                                          | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 11:10 |
| S25 | 119   | (generat\$3 or creat\$3) with (second<br>near private near key)                                              | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 11:18 |
| S26 | 424   | (ouput\$3 or distribut\$3) with ((first<br>and second) near3 key)                                            | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 11:25 |
| S27 | 211   | S26 and "380".clas.                                                                                          | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 11:20 |
| S28 | 19    | (ouput\$3 or distribut\$3) with ((first<br>and second) near3 private near key)                               | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 11:28 |
| S29 | 44    | (ouput\$3 or distribut\$3) with ((first<br>with second) with private near key)                               | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 16:28 |
| S30 | 1     | "6959393"                                                                                                    | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 14:55 |
| S31 | 1056  | ((back near up) or backup) near3<br>key                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 14:56 |
| S32 | 141   | S31 and "380".clas.                                                                                          | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 14:56 |
| S33 | 1268  | (backup or (back near up) or<br>replacement) near key                                                        | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 16:28 |
| S34 | 163   | S33 and "380".clas.                                                                                          | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 16:29 |
| S35 | 4070  | ((private or secret or public) near<br>key) and random and counter                                           | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/28 11:54 |
| S36 | 38    | ((private or secret or public) near<br>key) with random with counter                                         | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/28 13:26 |
| S37 | 0     | ((private or secret or public) near<br>key) with paramater with counter                                      | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/28 13:27 |
| S38 | 11    | ((private or secret or public) near<br>key) with parameter with counter                                      | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/28 13:35 |
| S39 | 17    | "5787173"                                                                                                    | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/28 13:40 |
| S40 | 287   | creat\$ with ((private or secret or<br>public) near key) with random                                         | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/28 13:57 |
| S41 | 30007 | "713".clas.                                                                                                  | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/28 13:55 |

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|     |       |                                                                                                                       |                    |    |    |                  |
|-----|-------|-----------------------------------------------------------------------------------------------------------------------|--------------------|----|----|------------------|
| S42 | 13533 | "380".clas.                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2007/03/28 13:56 |
| S43 | 72    | S40 and S41 and S42                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/03/28 13:56 |
| S44 | 158   | creat\$ with ((private or secret or public) near key) with (random near number)                                       | US-PGPUB;<br>USPAT | OR | ON | 2007/03/28 14:11 |
| S45 | 37    | S44 and S41 and S42                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/03/28 14:11 |
| S46 | 3     | (recreat\$ or re near creat\$3 or re-creat\$3)with ((private or secret or public) near key) with (random near number) | US-PGPUB;<br>USPAT | OR | ON | 2007/03/28 14:16 |
| S47 | 35    | "4736423"                                                                                                             | US-PGPUB;<br>USPAT | OR | ON | 2007/03/28 16:00 |
| S48 | 55    | ("5201000").URPN.                                                                                                     | USPAT              | OR | ON | 2007/03/28 16:08 |
| S49 | 51    | S48 and key                                                                                                           | USPAT              | OR | ON | 2007/03/28 16:08 |
| S50 | 13    | S48 and key and counter                                                                                               | USPAT              | OR | ON | 2007/03/28 16:11 |
| S51 | 12    | S48 and ((re near generat\$3) or regenerat\$3 or re-generat\$3 or (re near creat\$3) or recreat\$3 or re-creat\$3)    | USPAT              | OR | ON | 2007/03/28 16:12 |
| S52 | 3457  | generation and counter and ((public or private or secret) near key)                                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:02 |
| S53 | 30061 | "713".clas.                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:00 |
| S54 | 13548 | "380".clas.                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:00 |
| S55 | 351   | S52 and S53 and S54                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:00 |
| S56 | 3059  | generation and counter and ((public or private) near key)                                                             | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:01 |
| S57 | 313   | S53 and S54 and S56                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:01 |
| S58 | 5436  | counter and ((public or private or secret) near key)                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:02 |
| S59 | 243   | counter with ((public or private or secret) near key)                                                                 | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:02 |
| S60 | 47    | S59 and S53 and S54                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/03/29 11:02 |